

## **RELIABILITY CENTERED MAINTENANCE (RCM) WORKING GROUP CHARTER**

### **POLICY:**

NAVAIRINST 4790.20A, Reliability-Centered Maintenance Program, charges AIR-3.2 with the responsibility for establishing technical and administrative policies and procedures to implement the RCM Program process. In view of this direction, AIR-3.2 has established the RCM Working Group to serve as an avenue for aggressively pursuing all opportunities to improve the process by drawing from the knowledge and experience of a variety of aircraft, engine, weapon system, aircraft launch and recovery equipment (ALRE), and support equipment (SE) RCM experts.

### **BACKGROUND:**

The RCM process contained in NAVAIRINST-00-25-403 is used to determine appropriate Preventive Maintenance (PM) tasks for all NAVAIR aircraft, engines, weapon systems, ALRE and SE including their modification, during all life cycle phases and levels of maintenance.

RCM takes into account the capability designed into equipment and provides a PM program that will minimize expenditure of resources for PM requirements, achieve the required level of safety and reduce overall cost of ownership.

There are both common and unique issues related to RCM across all programs. The RCM Working Group's mission is to facilitate and standardize the implementation of RCM/Age Exploration and, if applicable, resulting Integrated Maintenance Concepts (IMC's) throughout Naval Aviation. The group will also make efforts to establish contacts with other services and Systems Commands to assist and learn from their efforts.

### **OBJECTIVE:**

The RCM Working Group will provide a formal forum for the TEAM RCM experts to develop and refine processes and tools to effectively implement and sustain RCM. They will define RCM processes that result in effective and affordable scheduled maintenance programs. This will be accomplished by the regular and timely exchange of technical information among personnel assigned to perform RCM from the TEAM, representing all types of NAVAIR supported equipment and from all TEAM organizational elements. It is also the objective of the RCM Working Group to coordinate with all Navy maintenance programs, other Department of Defense agencies, academia, private industry, and international armed forces and organizations, to develop standard RCM procedures and, share information for the benefit of all concerned.

An additional objective of the RCM Working Group is the evaluation of opportunities for the application of the IMC across NAVAIR programs. IMC is based on the results of RCM

analysis and leads to the execution of all levels of scheduled maintenance at the most effective site, regardless of maintenance level.

#### **PURPOSE:**

The RCM Working Group will have as its purpose to:

- Assure RCM processes identify the requirements to maintain the required level of safety and availability while achieving the lowest effective total cost of ownership for all NAVAIR aircraft, engines, weapons systems, ALRE and SE.
- Provide a continuous technical forum for RCM experts to present and discuss lessons learned.
- Standardize and publish RCM concepts, philosophies, and approved techniques to the maximum extent possible across all NAVAIR aircraft, engines, weapons systems, ALRE and SE.
- Provide validated inputs and expertise concerning RCM/LSA/Maintenance Programs to Navy aircraft selection/procurement teams.
- Maintain technical leadership of the Navy RCM Program by interfacing and interchanging information with other services, industry, academic, professional and international groups.

#### **WORKING GROUP COMPOSITION:**

The RCM Working Group will consist of the following members:

- Naval Air Systems Command RCM Project Manager (AIR-3.2B) or designated representative.
- Naval Air Systems Command (AIR 3.2) RCM Project Team representative. The AIR 3.2 RCM Project Team will also provide a recorder for the Working Group to distribute minutes and action items.
- RCM experts representing various Navy/Marine Corps aircraft type/models, and associated equipment to cover all aspects of NAVAIR weapons systems, including the engine, support equipment, aircraft launch and recovery equipment, and weapons.
- Additional participants will be invited on an as needed basis depending upon issues/topics.

#### **CHAIRPERSON:**

The chairperson of the RCM Working Group and Steering Committee will be AIR-3.2.

## **STEERING COMMITTEE:**

The RCM Working Group Steering Committee will consist of the chairperson and select RCM experts as identified by AIR 3.2. The AIR 3.2 RCM Project Team will provide a recorder for this committee.

## **RESPONSIBILITIES:**

The chairperson shall:

- Schedule and conduct annual Working Group meetings, quarterly Steering Committee meetings, and others as required.
- Approve and ensure meeting minutes are distributed.
- Assign, approve and distribute action items.
- Forward all suggested RCM process, policy, or philosophy modifications that are developed within the RCM Working Group to the RCM Working Group Steering Committee for approval.
- Ensure the dissemination of pertinent RCM information developed or otherwise obtained by the RCM Working Group to all concerned.
- Act as the RCM Working Group primary representative on the Steering Committee.
- Coordinate RCM Program Assessments, as requested by Program Teams, utilizing selected members of the RCM Working Group Steering Committee.
- Designate a representative from the Steering Committee to act in his/her absence and provide technical and administrative assistance, as required.
- Report the RCM Working Group status, on a periodic basis to AIR 3.2.

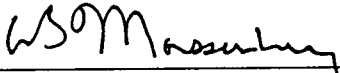
The RCM Working Group members shall:


- Coordinate and complete assigned actions.
- Provide status to the chairperson on assigned actions via published minutes and records.
- Report RCM process issues, improvement suggestions, or other beneficial information to the Working Group at large for consideration and appropriate action.

- Request, via the appropriate Program Office, RCM Working Group review of RCM programs for constructive assessment as desired.

The Steering Committee shall:

- Provide oversight and direction to the RCM Working Group.
- Act as the information-clearing house for the chairperson concerning new RCM ideas and suggestions, and any associated information required by the chairperson.
- Review suggested RCM process, policy, or philosophy modifications that are submitted by the RCM Working Group. Approve those considered beneficial to RCM performance within NAVAIR.

  
RDML W. B. Massenburg  
AIR 3.0

  
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